

<b>UTILITY PATENT APPLICATION TRANSMITTAL</b>		Attorney Docket No.: <b>S-100,643</b>	
		First Inventor or Application Identifier: <b>Otis G. Peterson</b>	
		Title: <b>SELF-REGULATING NUCLEAR POWER MODULE</b>	
		Express Mail Label No.: <b>ET461825974US</b>	

<b>APPLICATION ELEMENTS</b>	<b>ADDRESS TO:</b> Mail Stop Patent Application Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450
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1. <input checked="" type="checkbox"/> * Fee Transmittal Form (e.g. PTO/SB/17) <i>(submit an original and a duplicate for fee processing)</i>  2. <input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27.  3. <input checked="" type="checkbox"/> Specification [Total Pages: 37] <input checked="" type="checkbox"/> Descriptive title of the Invention <input checked="" type="checkbox"/> Cross References to Related Applications <input checked="" type="checkbox"/> Statement Regarding Fed sponsored R&D <input type="checkbox"/> Reference to sequence listing, a table or a computer program listing appendix <input checked="" type="checkbox"/> Background of the Invention <input type="checkbox"/> Brief Description of the Drawings (if filed) <input checked="" type="checkbox"/> Detailed Description <input checked="" type="checkbox"/> Claim(s) <input checked="" type="checkbox"/> Abstract of the Disclosure  4. <input checked="" type="checkbox"/> Drawings(s) (35 U.S.C. 113) [Total Sheets: 9] <input checked="" type="checkbox"/> Formal <input type="checkbox"/> Informal  5. <input checked="" type="checkbox"/> Declaration & Power of Attorney [Total Pages: 2] a. <input type="checkbox"/> Newly executed (original or copy) b. <input type="checkbox"/> Copy from a prior application (37 C.F.R. § 63(d) (for continuation/divisional with Box 16 completed) c. <input type="checkbox"/> <u>DELETION OF INVENTOR(S)</u> Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. §§ 1.63(d)(2) and 1.33 (b).	6. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)  7. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary) a. <input type="checkbox"/> Computer Readable Copy b. Specification Sequence Listing on: i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or ii. <input type="checkbox"/> paper c. <input type="checkbox"/> Statement verifying identity of above copies  <div style="text-align: center; border: 1px solid black; padding: 2px;"> <b>ACCOMPANYING APPLICATION PARTS</b> </div> 8. <input checked="" type="checkbox"/> Assignment Papers (cover sheet & documentation) 9. <input type="checkbox"/> 37 C.F.R. § 3.73(b) Statement <input type="checkbox"/> Power of (when there is an assignee) Attorney 10. <input type="checkbox"/> Information Disclosure <input type="checkbox"/> Copies of IDS Statement (IDS)/PTO-1449 Citations 11. <input type="checkbox"/> Preliminary Amendment 12. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) (should be specifically itemized) 13. <input type="checkbox"/> Certified Copy of Priority Document(s) (if foreign priority is claimed) 14. <input type="checkbox"/> Nonpublication Request and Certification Under 35 U.S.C. 122(b)(2)(b)(i) 15. <input type="checkbox"/> Other:
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16. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment: <input type="checkbox"/> Continuation <input type="checkbox"/> Divisional <input checked="" type="checkbox"/> Continuation-in-part (CIP) of prior application S.N. 10/244,580.  Prior application information:      Examiner:      Group/Art Unit: 3641  <small>For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.</small>	
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<b>16. CORRESPONDENCE ADDRESS</b>	
<input type="checkbox"/> Customer Number or Bar Code Label	OR <input type="checkbox"/> Correspondence Address Below
 <div style="font-size: 24pt; font-weight: bold;">35068</div> <small>PATENT TRADEMARK OFFICE</small> (Insert Customer No. or Attach Bar Code Label here)	

Name: <b>Mark N. Fitzgerald</b> Address: <b>Los Alamos National Laboratory</b> <b>LC/IP, MS A187</b> City: <b>Los Alamos</b> State: <b>New Mexico</b> Zip Code: <b>87545</b> Country: <b>United States</b> Telephone: <b>(505) 665-</b> Fax: <b>(505) 665-4424</b>	
Name (Print/Type): <b>Mark N. Fitzgerald</b>	Registration No. (Attorney/Agent): <b>48,300</b>
Signature: 	Date: <b>7/30/03</b>

 15535 U.S. PTO  
 10/63011

07/30/03

FEE TRANSMITTAL For FY 2003		Complete if Known	
<small>Patent fees are subject to annual revision (submit an original and a duplicate for fee processing)</small>		Application Number:	
		Filing Date:	
		First Named Inventor:	Otis G. Peterson
		Examiner Name:	
		Group/Art Unit:	
		Attorney Docket No.:	S-100,643

METHOD OF PAYMENT	FEE CALCULATION (continued)																																																																																																																																
<p>1. <input checked="" type="checkbox"/> The commissioner is hereby authorized to charge indicated fees and credit any over payments to:  Deposit Account Number: <b>12-2150</b>  Deposit Account Name: Los Alamos National Laboratory</p> <p><input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 C.F.R. 1.16 and 1.17</p> <p><input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27</p>	<p><b>3. ADDITIONAL FEES</b></p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left; width: 10%;">Large Entity Fee</th> <th style="text-align: left; width: 10%;">Small Entity Fee</th> <th style="text-align: left; width: 60%;">Fee Description</th> <th style="text-align: right; width: 20%;">Fee Paid</th> </tr> </thead> <tbody> <tr> <td>\$130</td> <td>\$65</td> <td>Surcharge – late filing fee or oath</td> <td></td> </tr> <tr> <td>\$50</td> <td>\$25</td> <td>Surcharge – late provisional filing fee or cover sheet</td> <td></td> </tr> <tr> <td>\$2,520</td> <td>\$2,520</td> <td>For filing a request for reexamination</td> <td></td> </tr> <tr> <td>\$110</td> <td>\$55</td> <td>Extension for reply within first month</td> <td></td> </tr> <tr> <td>\$410</td> <td>\$205</td> <td>Extension for reply within second month</td> <td></td> </tr> <tr> <td>\$930</td> <td>\$465</td> <td>Extension for reply within third month</td> <td></td> </tr> <tr> <td>\$1,450</td> <td>\$725</td> <td>Extension for reply within fourth month</td> <td></td> </tr> <tr> <td>\$1,970</td> <td>\$985</td> <td>Extension for reply within fifth month</td> <td></td> </tr> <tr> <td>\$320</td> <td>\$160</td> <td>Notice of Appeal</td> <td></td> </tr> <tr> <td>\$320</td> <td>\$160</td> <td>Filing a brief in support of an appeal</td> <td></td> </tr> <tr> <td>\$280</td> <td>\$140</td> <td>Request for oral hearing</td> <td></td> </tr> <tr> <td>\$110</td> <td>\$55</td> <td>Petition to revive – unavoidable</td> <td></td> </tr> <tr> <td>\$110</td> <td>\$55</td> <td>Terminal Disclaimer</td> <td></td> </tr> <tr> <td>\$1,300</td> <td>\$650</td> <td>Petition to revive – unintentional</td> <td></td> </tr> <tr> <td>\$130</td> <td>\$130</td> <td>Petitions to the Commissioner</td> <td></td> </tr> <tr> <td>\$50</td> <td>\$50</td> <td>Petitions related to provisional applications</td> <td></td> </tr> <tr> <td>\$180</td> <td>\$180</td> <td>Submission of Information Disclosure Statement</td> <td></td> </tr> <tr> <td>\$750</td> <td>\$375</td> <td>Filing a submission after final rejection (37 CFR 1.129 (a))</td> <td></td> </tr> <tr> <td>\$750</td> <td>\$375</td> <td>For each additional invention to be examined (37 CFR 1.129(b))</td> <td></td> </tr> <tr> <td>\$100</td> <td>\$100</td> <td>Certificate of Correction</td> <td></td> </tr> <tr> <td>\$300</td> <td>\$300</td> <td>Publication fee for early, voluntary, or normal publication</td> <td></td> </tr> <tr> <td>\$750</td> <td>\$375</td> <td>Request for Continued Examination (RCE)</td> <td></td> </tr> <tr> <td colspan="3" style="padding-top: 10px;">Other fee (specify) _____</td> <td></td> </tr> <tr> <td colspan="3" style="text-align: right; padding-top: 10px;"><b>SUBTOTAL (3)</b></td> <td style="text-align: right; vertical-align: bottom;"><b>\$0</b></td> </tr> <tr> <td colspan="4" style="padding-top: 10px;">Reduced by Basic Filing Fee Paid</td> </tr> <tr> <td colspan="3" style="text-align: right; padding-top: 10px;"><b>SUBTOTAL FROM 1</b></td> <td style="text-align: right; vertical-align: bottom;"><b>\$375</b></td> </tr> <tr> <td colspan="3" style="text-align: right; padding-top: 5px;"><b>SUBTOTAL FROM 2</b></td> <td style="text-align: right; vertical-align: bottom;"><b>\$81</b></td> </tr> <tr> <td colspan="3" style="text-align: right; padding-top: 5px;"><b>SUBTOTAL FROM 3</b></td> <td style="text-align: right; vertical-align: bottom;"><b>\$0</b></td> </tr> <tr> <td colspan="3" style="text-align: right; padding-top: 10px;"><b>TOTAL AMOUNT OF PAYMENT</b></td> <td style="text-align: right; vertical-align: bottom;"><b>\$456</b></td> </tr> </tbody> </table> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 65%; padding: 5px;">SUBMITTED BY</th> <th style="width: 35%; padding: 5px;">Complete (if applicable)</th> </tr> </thead> <tbody> <tr> <td style="padding: 5px;">Printed Name: Mark N. Fitzgerald</td> <td style="padding: 5px;">Reg. No. 48,300</td> </tr> <tr> <td style="padding: 5px;">Signature: </td> <td style="padding: 5px;">Date: 7/30/03</td> </tr> <tr> <td style="padding: 5px;"></td> <td style="padding: 5px;">Telephone (505)665=5187</td> </tr> </tbody> </table>	Large Entity Fee	Small Entity Fee	Fee Description	Fee Paid	\$130	\$65	Surcharge – late filing fee or oath		\$50	\$25	Surcharge – late provisional filing fee or cover sheet		\$2,520	\$2,520	For filing a request for reexamination		\$110	\$55	Extension for reply within first month		\$410	\$205	Extension for reply within second month		\$930	\$465	Extension for reply within third month		\$1,450	\$725	Extension for reply within fourth month		\$1,970	\$985	Extension for reply within fifth month		\$320	\$160	Notice of Appeal		\$320	\$160	Filing a brief in support of an appeal		\$280	\$140	Request for oral hearing		\$110	\$55	Petition to revive – unavoidable		\$110	\$55	Terminal Disclaimer		\$1,300	\$650	Petition to revive – unintentional		\$130	\$130	Petitions to the Commissioner		\$50	\$50	Petitions related to provisional applications		\$180	\$180	Submission of Information Disclosure Statement		\$750	\$375	Filing a submission after final rejection (37 CFR 1.129 (a))		\$750	\$375	For each additional invention to be examined (37 CFR 1.129(b))		\$100	\$100	Certificate of Correction		\$300	\$300	Publication fee for early, voluntary, or normal publication		\$750	\$375	Request for Continued Examination (RCE)		Other fee (specify) _____				<b>SUBTOTAL (3)</b>			<b>\$0</b>	Reduced by Basic Filing Fee Paid				<b>SUBTOTAL FROM 1</b>			<b>\$375</b>	<b>SUBTOTAL FROM 2</b>			<b>\$81</b>	<b>SUBTOTAL FROM 3</b>			<b>\$0</b>	<b>TOTAL AMOUNT OF PAYMENT</b>			<b>\$456</b>	SUBMITTED BY	Complete (if applicable)	Printed Name: Mark N. 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